

Summary

The invention concerns a method and a gateway for transporting stream traffic over an IP network. A gateway receives stream data assigned to different stream data channels. The gateway allocates two or more stream data channels to a stream service emulation tunnel provided by IP packets periodically transmitted over the IP network. A packetization unit packs the stream data of the allocated two or more stream data channels in IP packets assigned to said stream service emulation tunnel. Further, it periodically sends these IP packets over the IP network, wherein such IP packets contain stream data of two or more different stream data channels.